

## Electron Beam Cross Linked Polyolefin Insulated Remote Monitoring Systems and Data Transmission Cable.

### Application

- ✓ Data transmission and remote monitoring systems
- ✓ PV Solar segment
- ✓ Indoor and outdoor uses
- ✓ Direct burial
- ✓ Fixed installation
- ✓ Dry and damp interiors

### Features

- ✓ Flame retardant
- ✓ Excellent UV, Ozone and weather resistance
- ✓ Resistive to Oils and Chemicals.

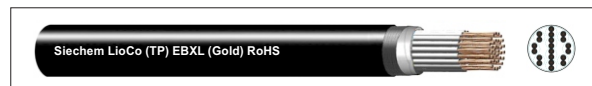
### Product Construction

- ✓ Conductor : Annealed Tinned Stranded Copper Wires.
- ✓ Insulation : Electron Beam Cross Linked Polyolefin
- ✓ Binder Tape : Polyester
- ✓ Braiding: Annealed Tinned Copper Wires
- ✓ Outer Sheath : All weather Electron Beam XLPO jacket specially for PV Solar applications

### Technical Data

- ✓ Temperature Range : - 45°C to +125°C
- ✓ Voltage for Testing :  
Core/Core : 2 kV  
Core/Shielding : 1 kV
- ✓ Bending Radius(Minimum):  
Static : 8 x Cable Diameter
- ✓ Specific Insulation Resistance : >5 G Ohm x km.
- ✓ Inductivity : 0.65 mH/km(approx.).
- ✓ Mutual Capacitance:  
Core/Core : 60 nF / km(approx.)  
Core/Shielding : 160 nF / km(approx.)
- ✓ Characteristic Impedance : 100 ± 15 ohm

ISO 9001	ISO 14001	OHSAS 18001	AS 9100	ISO 45001	TUV 
-------------	--------------	----------------	------------	--------------	--



Part Number	Number of Pairs and mm <sup>2</sup> Per Conductor	Outer Diameter in (mm) approx.	Copper Index (Kg/Km)	Weight (Kg/Km) approx.
<b>LioCo (TP)</b>				
6570202P	2 x 2 x 0.22	8.8	23	76
6570203P	2 x 2 x 0.22	9.3	29	91
6570204P	4 x 2 x 0.22	10.0	35	108
6570208P	8 x 2 x 0.22	13.3	58	181
6570210P	10 x 2 x 0.22	15.0	70	216
6577001P	1 x 2 x 0.34	6.7	16	52
6577002P	2 x 2 x 0.34	9.3	29	86
6577003P	3 x 2 x 0.34	9.8	36	104
6577004P	4 x 2 x 0.34	10.6	45	124
6577008P	8 x 2 x 0.34	14.2	78	212
6570601P	1 x 2 x 0.5	7.1	20	58
6570602P	2 x 2 x 0.5	10.0	36	101
6570603P	3 x 2 x 0.5	10.4	47	120
6570604P	4 x 2 x 0.5	11.6	58	150
6570608P	8 x 2 x 0.5	15.2	104	251
6570610P	10 x 2 x 0.5	17.3	127	310
<b>LioCo (TP) Fine Wires</b>				
6570301P	1 x 2 x 0.25	6.5	14	49
6570302P	2 x 2 x 0.25	9.0	25	80
6570303P	3 x 2 x 0.25	9.5	31	95
6570305P	5 x 2 x 0.25	11.4	44	137
<b>LioCo (TP) Inner Sheathed Cables</b>				
657E0602P	2 x 2 x 0.5	10.4	39	115
657E0608P	8 x 2 x 0.5	15.8	113	288

